***Teacher:*** *Mrs. Roan*

**ADVANCED MATH 6**

**Princess Anne Middle School**

**2014 – 2015 Course Expectations**

***Class:*** *Math 7*

***School Telephone Number***: 648- 4950 **Best method of contact: via e-mail**

**Voice Mail extension:** X72084 **Teacher webpage: h**ttp://www.princesannems.vbschools.com/

[pams-roan.wikispaces.com](http://pams-roan.wikispaces.com)

***Teacher:*** *Mrs. Piper* **Email address:** [Kimberly.Piper@VBSchools.com](mailto:Kimberly.Piper@VBSchools.com)

***School Telephone Number***: 648- 4950 **Teacher webpage:** [pams-piper.wikispaces.com](http://pams-abrams.wikispaces.com/)

***Guidance:*** *648-4961*

**Advanced Mathematics 6***:* Advanced Mathematics 6 is a mathematics course for sixth grade students who are transitioning from the emphasis placed on whole number arithmetic in elementary school to the foundations of algebra. The course focuses on the development of problem-solving skills and the acquisition of mathematical vocabulary and symbols. The active engagement of students along with the use of manipulatives and technology, such as calculators, computers, and spreadsheets, will allow students to develop an understanding of the mathematical principles they are learning. Facility in the use of technology will not be a substitute for students’ understanding of quantitative concepts and proficiency in basic computations. Topics include: operations with rational numbers; operations with integers; concepts involving exponents and square roots; identifying and representing sequences and relationships; solving one-variable equations; measurement concepts and applications in the U.S. Customary and metric systems including perimeter, area, volume, and surface area; basic geometric concepts in the coordinate plane; and probability and statistics. ***These students will be taking the 6th Grade SOL Test at the end of the year.***

**Texts and Materials:** The textbook is Math Connects - course 1 by Glencoe. Individual Textbooks will not be issued unless access to a computer is a problem. All students are to access the online textbook at: <http://connected.mcgraw-hill.com>.

**Supply List:**  1 binder with dividers, 3 subject spiral notebook with plastic cover, wide-ruled filler paper, pencil pouch, pencils, hand-held pencil sharpener, red pen, planner (provided by school), glue stick, coloring supplies,dry erasemarkers

**Contributions to Be Collected for General Classroom Use:** 1 gallon baggies (boys), 1 quart baggies (girls), paper towels, tissues, disinfecting wipes

**Student Agenda:** An agenda is issued to each student free of charge on the first day of school. Students are required to have this agenda with them at all times as a means of organization, communication, and for use as a hall pass to leave the classroom. If they damage or lose them, a new one must be purchased at the cost of $8.00.

**Conferences/Parental Contact:** Please do not hesitate to contact me via email for any questions or concerns. Conferences will be scheduled on as needed basis. Parents may schedule a conference any time during the year by contacting the guidance office.

**Grading Procedures and Policies**

**Rationale:** Grades areNOT compensation. Grades are communication: They are an accurate report of what happened, a measurement of how far the student has mastered their skills. A standards based grading system does not factor in where a student begins in their learning; rather it evaluates a student’s progress throughout the unit offering multiple opportunities to obtain mastery.

**Procedure:** Students’ grades will be based on standards for Math 7. Final grades are first and foremost determined by my professional opinion of your child’s work against those standards, not by mathematical calculations. I have been trained in analyzing student products against standards and in finding evidence of that learning using a variety of methods. A student’s final grade will be determined at the end of each quarter by converting from the 4- point scale to the VBCPS Board approved grading scale. Please be sure to sign up for **Parent Portal**, if you haven’t already done so, to view your child’s progress towards mastery.

**Assessment Measures:** Students will be evaluated using formative and summative assessments; which may include, but are not limited to, tests, quizzes, class work, and performance tasks.

**Homework:** Princess Anne Middle School is implementing an academic detention program for teachers to utilize with students who fail to complete assigned work. Teachers will issue **academic detention** to students who fail to complete classwork, homework, or other assignments for the Wednesday following the week in which the work was due. Wednesday detentions will be held from 4:00-5:30 PM, and parents will be notified of the detention via an AlertNow email. The purpose of the academic detention is to notify parents of missing assignments and to ensure students complete and return work considered important to the learning process. Therefore, students will have until the day of the assigned detention to submit work owed. Those who do will not have to serve the detention. Students who must serve detention will be required to complete the work owed during that time frame. Keep in mind these academic detentions will not become part of a student’s disciplinary record.

**Graded Assignments** Grades will be updated at least once a week. A blank means the grade has not yet been entered or your child is missing that assignment due to an absence. Please discuss your child’s grades periodically.

**Standards Based Grading Key:**

**4 (AP) = A**  *Advanced Proficient – Consistently demonstrates proficiency; grasps, applies and* ***extends*** *key concepts, processes, and skills*

**3 (P) = B** *Proficient – Regularly grasps and applies key concepts, processes, and skills with* ***limited*** *errors.*

**2 (DP) = C** *Developing Proficiency – Beginning to grasp and apply key concepts, processes, and skills.*

**1 (N) = D** *Novice – Needs Improvement; not making expected progress toward proficiency*

**0 (NE) = E** *No progress is evaluated*

**\*** Based on modified standards

**Citizenship, Participation and Collaboration, and Productivity:** As part of the push to incorporate 21st Century skills in education, your student will still be held responsible for their work habits, their ability to work cooperatively, and the effort and pride they place in final products through the standards based scale reported on both progress report and report card addendums. Samples of these addendums can be found on your child’s teacher’s Wikispace. If at any time you have questions about your child’s effort and work habits, please do not hesitate to contact us.

**Help Sessions:** Extra help is available through your child’s individual teacher, at their discretion. Prior approval is necessary and transportation is the responsibility of the parent. Homework centers are available in both the AM and PM in the cafeteria. Please see the school’s website for more information on those sessions.